User Manual
Trophy TA-1001HD
DVB-S/S2 HDTV digital receiver
Trophy-Access decoder
Personal Video Recorder
TROPHY®

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Device Operation

Safety Requirements

DVB-S/S2 HDTV Set Top Box design complies with international safety standards. However, operation with any electric appliances requires caution. We recommend you to ask a qualified master to install the device. If you choose to install it yourself, please read this Operation Manual carefully. Pay special attention to safety requirements below.

Supply Voltage

Power supply must be AC 180 V…250 V, 50/60 Hz. Make sure your power supply complies with these requirements.

Overload

Avoid overloading the supply network by extension cords or adapters. It may cause fire or give you an electric shock.

Liquid Substances

Store liquid substances away from the device and make sure no such substances get inside the Set Top Box.

Foreign Objects

Please keep coins and other small objects away from the device to prevent their getting through the vent slots, which may cause serious damage to your Set Top Box. Getting of insects into the device may also damage the device and, consequently, cause fire.

Cleaning

Disconnect the device from power supply before cleaning. Use soft, slightly damp cloth to clean the surface of the casing. Never use any solvents!

Ventilation

Make sure the vent slots are open and the location where the device is installed allows free air circulation. Never put the device on a soft surface or cloth. Do not operate and never store the device on the heat or under direct sunlight. Never put any other appliances on top of the device.

Connected Devices

Do not connect any unauthorized appliances to the device as it is dangerous and may damage the appliance and this device.

Location

Install the device indoors on hard surface. Make sure the device is well protected from direct sunlight or moisture.

WARNING: Never remove the top or back panel of the device. The device contains no parts and units which can be handled by the user. If necessary, call service center for qualified personnel.

Do not leave the operating device unattended. Make sure it is out of reach of children.

In the event of a long pause between the watching, disconnect the device from the power supply by pulling the plug out of the socket.

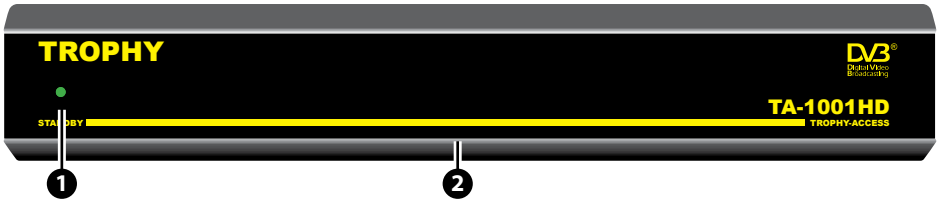
In the event of any malfunction (lost image, cracking sound or odor), disconnect the device from the socket immediately and call the service center.

Subject to compliance with the instructions, the device life is 5 (Five) years following the manufacture date. Terms and conditions of further operation must be agreed upon by the owner of device and the service company.

Specifications

Demodulation	QPSK, 8PSK
Input level	-65…-25 dBm
Input resistance	75 Ohm
Symbol rate	1...45 Msymb/s (QPSK) 1… 37 Msymb/s (8PSK)
FEC	1/2_2/3_3/4_5/6_6/7_7/8 (QPSK) 1/2_3/5_2/3_3/4_4/5_5/6_8/9_9/10 (8PSK)
Input frequency range	950...2150 MHz
Tuning step	1 MHz
Picture ratio	4:3; 16:9
Output connectors Picture ratio	6xRCA, HDMI, USB, S/PDIF, LOOP
Video output	CVBS, RGB, Component, HDMI
Output resolution	480i,576&576i, 720p x 1080i
Color system	PAL, SECAM, NTSC
Sound	MPEG-1 Layer2, DD, DD+, MP3
Trophy-Access2 Decoder	onboard
Chipset	Fujitsu H60
EPG	yes
Target message to customers	up to 80 symbols on the screen
Current balance details	on the screen
Interface language	English, French, German, Indonesian, Russian, Ukrainian
Supply voltage	External Adapter input 180...250VAC External Adapter output +12V
Wattage	up to 14W
Dimensions	220x120x45
Weight	1,6 kg

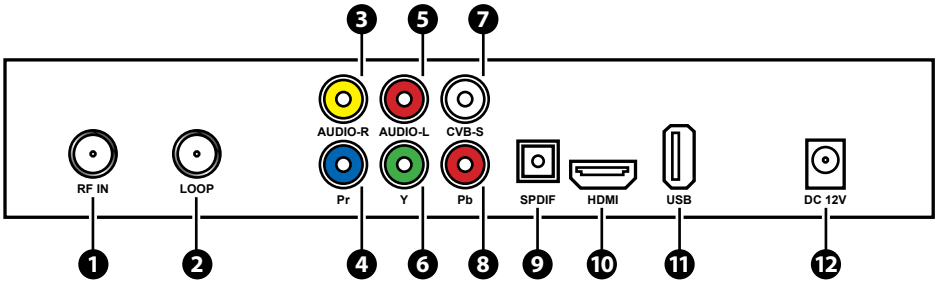
Front Panel



1 - LED indicator of power / standby

2 - Infrared port to receive signal from the remote control.

Back Panel



1 – LNB input

2 – LOOP output

3 5 – Left/Right audio channel output

4 6 8 – In Cb/Y/Cr mode – component signal outputs.
In RGB – Blue/Green/Red signal outputs

7 – Composite "Video" output. In RGB mode – synchronization signal

9 – Optical digital audio output

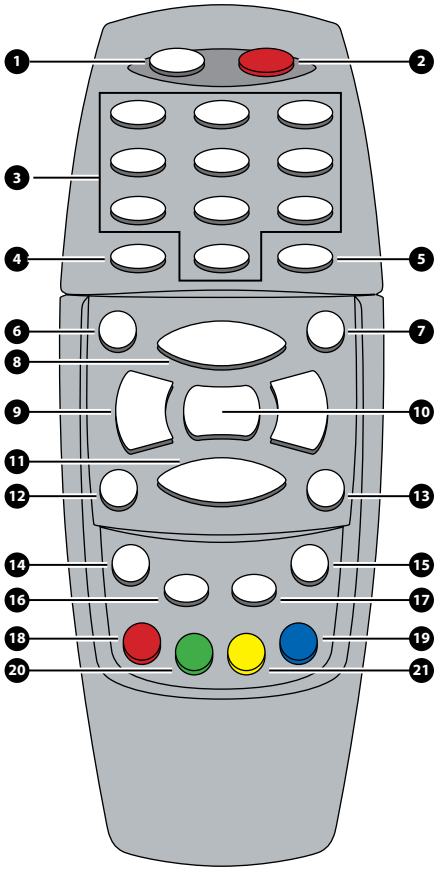
10 – HDMI output

11 – USB connector

12 – DC +12V connector

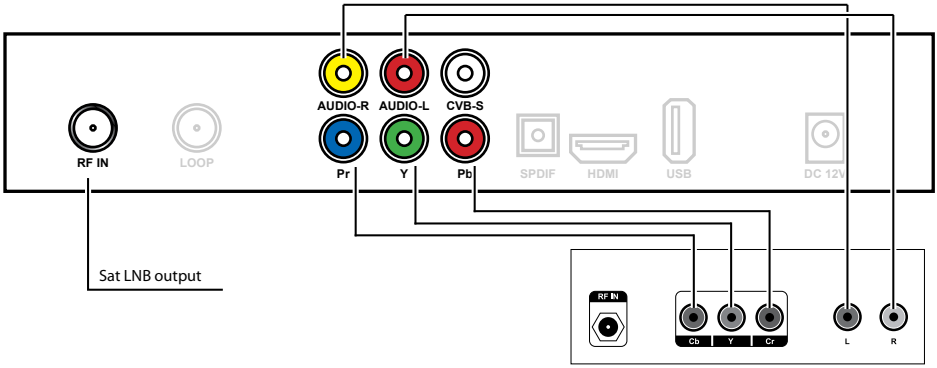
Remote Control

1. MUTE button
2. STANDBY mode button
3. DIGITS – 0 to 9
4. TV/RA SELECT button
5. EPG button
6. INFO button
7. MENU button
8. UP – switching channels, Cursor control in MENU
9. LEFT/RIGHT volume control
10. OK button
11. DOWN – switching channels, Cursor control in MENU
12. AUDIO track select button
13. EXIT button
14. REWIND button
15. FAST FORWARD button
16. PLAY button
17. STOP button
18. RED / RECORD button
19. BLUE / PAUSE button
20. GREEN button
21. YELLOW button

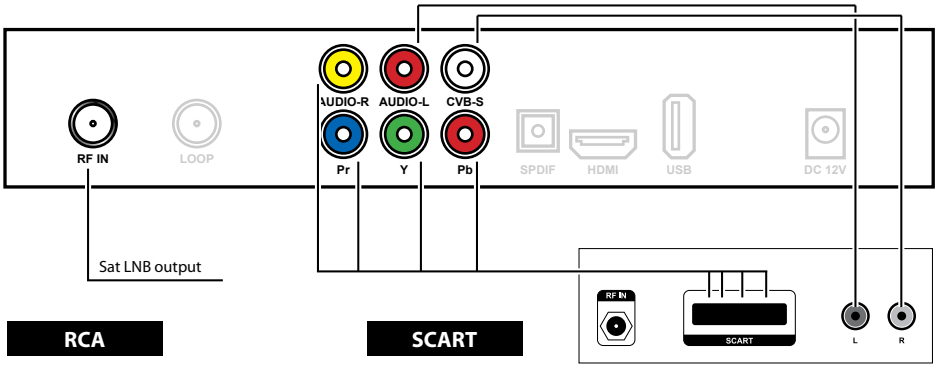


Note: MENU appears as text messages on the screen. The lines you select are highlighted. OK button always confirms your choice in current MENU. Push MENU button to return to the previous menu. Push EXIT button to exit the menu mode. Push MENU button to save automatically any changes you have made.

Connection of Device to TV Set with RCA Input

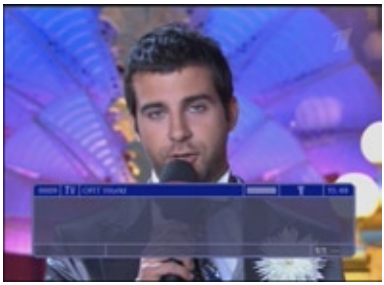


Connection of Device to TV Set with SCART Input

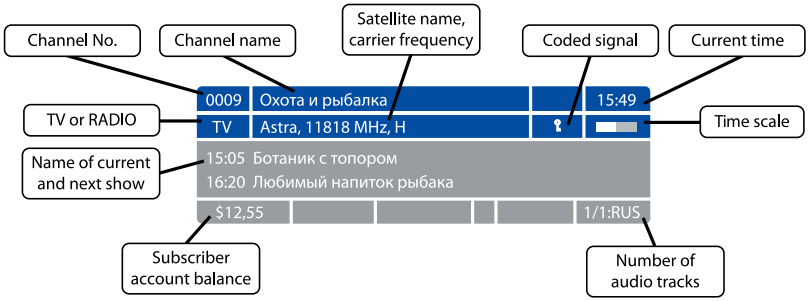


RCA		SCART
CVBS		(20) VIDEO
General		(17) General
Cb		(7) BLUE
General		(5) General
Y		(11) GREEN
General		(9) General
Cr		(15) RED
General		(13) General

Data Panel



While switching channels or pushing INFO button, the screen will flash Data Panel.



You can set the data panel lifetime on the screen. Go to “Main menu” - “System setup” -“OSD setup”. Use ◄► buttons to set “OSD display time” from 1 sec to 30 sec.

Upper right corner of the data panel shows current time as broadcast by the central station of the satellite or UMWS operator.

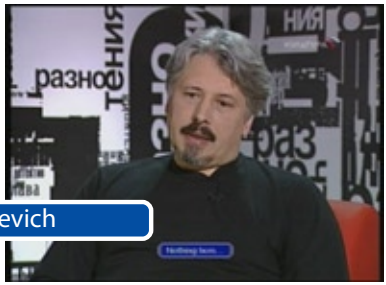
EPG (Electronic Program Guide) information is displayed in the center of the panel. Line 1 shows the name of the current program and time of its beginning. Line 2 shows the name of the next program and time of its beginning. The scale in the upper part of data panel shows how much of the programs you have missed.

Current balance on your subscriber account is shown in the bottom left corner of the panel. When your balance reaches “0”, your device will automatically block your access to paid programs.

Attention! If your device was disconnected from the socket, allow up to 30 seconds after switching on to receive details on the balance and current time from the digital transponder.

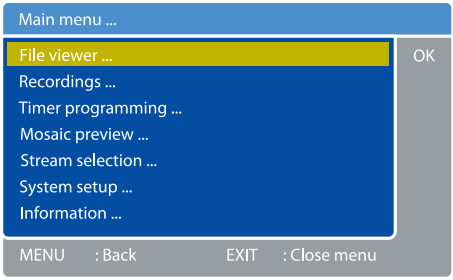
Reading Address Messages

Broadcasters may send address messages to your device. To read the message, press YELLOW button.



Main menu

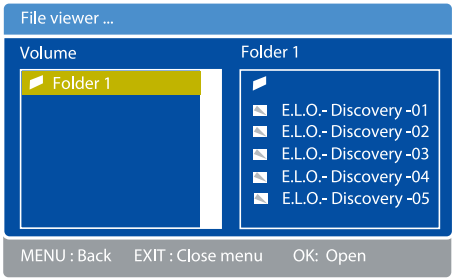
Press MENU to enter the MAIN MENU.



File viewer menu

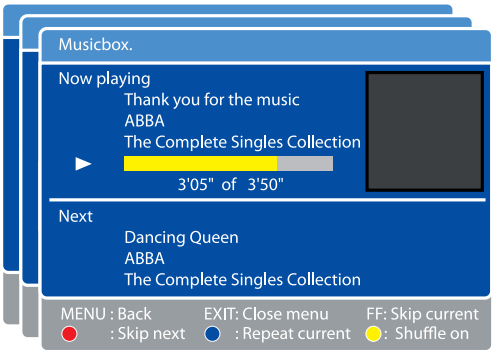
Set Top Box provides the following additional features:
- record TV programs and radio programs on an external USB device (FAT, FAT32).
- playback of TS video,
- display JPEG, BMP, PNG, JPG images on TV,
- play mp3 music files.

To use these features, you need to connect your own USB storage device (e.g. USB flash) to the USB connector on the rear panel of the Set Top Box.



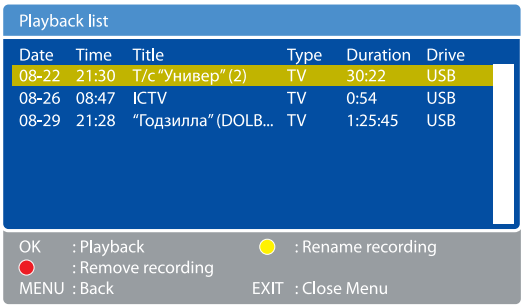
To open the FILE VIEWER menu, click OK

Use OK button and up/down/left/right buttons to select the folder and file for viewing. JPEG files are displayed on the screen immediately after the cursor select. To view videos, you must move the cursor to the desired file and click OK. To finish viewing the video, press STOP button.



If you want to listen to an MP3 album, you can select desired folder and click OK. On the screen you will see a Musicbox menu. At the bottom of the menu are buttons you need to select tracks in a music album.

Recordings menu


Playback list
Date Time Title Type Duration Drive
08-22 21:30 T/c "Универ" (2) TV 30:22 USB
08-26 08:47 ICTV TV 0:54 USB
08-29 21:28 "Годзилла" (DOLB... TV 1:25:45 USB
OK : Playback
: Rename recording
: Remove recording
MENU : Back
EXIT : Close Menu

Press MENU to enter the MAIN MENU.

Select "Recordings" row and click OK button.

The screen will display the "Playback list" menu.

This menu has complete information about the date, title and duration of video-clip.

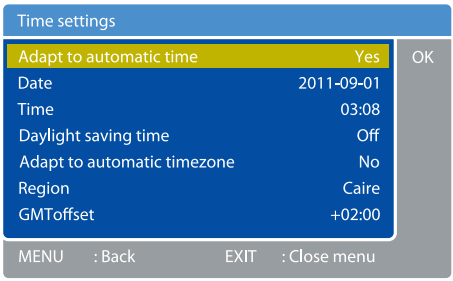
You can select desired videofile on your flash device.

Click OK button to view the videofile. If you want to stop viewing of the file, click STOP button.

Timer Programming menu

There are three recording modes: Timer mode, Quick Recording mode (in detail it will be discussed in section “Quick Recording mode” of this User’s Guide) and Timeshift mode (in detail it will be discussed in section “Timeshift mode” of this User’s Guide). In this chapter we will discuss Timer mode recording. You can program the timer manually or using the EPG information.

To program the timer manually, do the following:



Press MENU to enter the MAIN MENU.

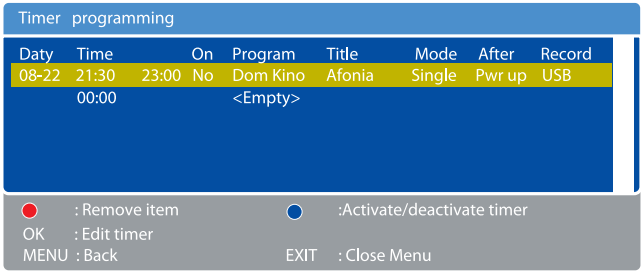
Select “Timer Programming” row and click OK button.

The screen will display the “Time settings” menu.

Due to the fact that all broadcasters transmit data of the current time, it is better to enable the automatic adjustment of the time in the menu.

In the “Time setting” menu you can also set the current date and GMT time, enable Dayling Saving Time (Summer/Winter Time), set the time zone.

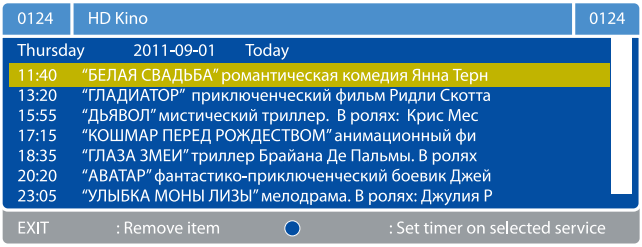
Press MENU button to enter the “Timer programming” menu.


Timer programming
Daty Time On Program Title Mode After Record
08-22 21:30 23:00 No Dom Kino Afonia Single Pwr up USB
00:00 <Empty>
: Remove item
:Activate/deactivate timer
OK : Edit timer
MENU : Back
EXIT : Close Menu

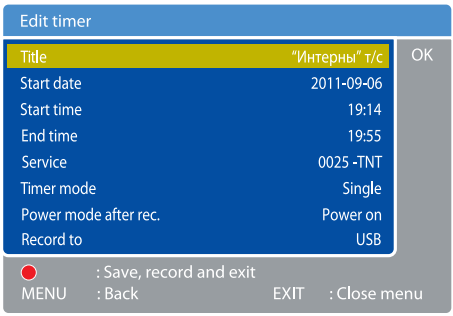
In this menu you can set the date and time of video-clip recording on a particular television channel from the channel list. You can edit this information. To do this you must press OK button, then the “Edit Timer” menu will appear.

Timer Programming using EPG information

This recording mode is the most convenient and fast. Press EPG button twice. On the screen you will see the schedule for the day. Click ◄► buttons to select the next day. Click ▲▼ buttons to select the video you want to record. Then click BLUE button for timer programming. Now, this information will be saved in the "Timer Programming" menu.

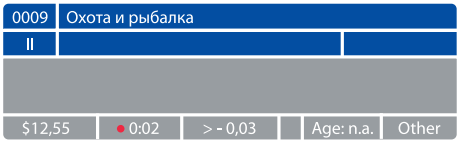


Quick recording mode



If you want to record the current program, you can press RECORD (Red) button. On the screen you will see the EDIT TIMER menu. If you do not want to make additional settings, press the RED button. Recording will start after a few seconds. Recording will stop automatically at the time specified in "End time" menu bar. The recording can be stopped at any time by pressing the STOP button.

Timeshift mode



If you have urgent business, but do not want to miss the interesting information you can use Timeshift mode. You must connect your USB-flash to the receiver to do this. While watching a program you can press PAUSE (Blue) button and go about your business. The program will be recording to the flash at this time. You can continue viewing of the program later by pressing the PAUSE (Blue) button. On the information panel displays a red dot and the duration of the recorded scene. You can stop recording by pressing STOP button. Be careful. In this case, you will continue to watch the program only in real time.

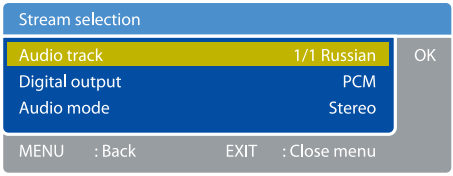
Mosaic Preview

Press MENU to enter the MAIN MENU.

Select "Mosaic Preview" row and click OK button.

On the screen you'll see nine windows where you may display still images of nine channels from the list. To select other channels you may use ▲▼ buttons.

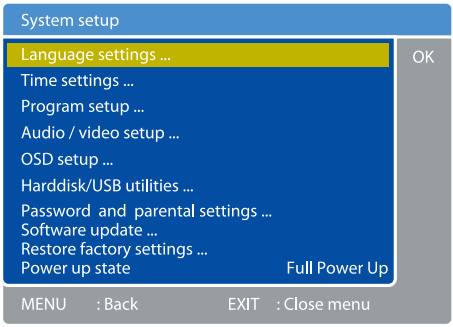
Stream Selection menu



Press AUDIO button to enter the Stream Selection menu.

Use ◀▶ buttons to select AUDIO TRACK, Stereo/mono and digital sound processing mode. Please note that data always goes to SPDIF regardless whether the current program has AC3 or not.

System Setup menu

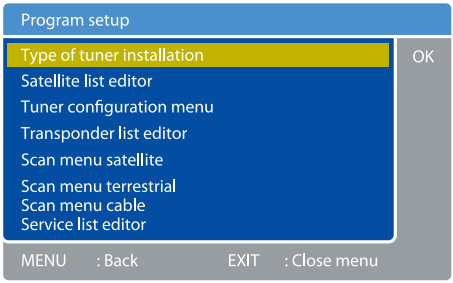


Press MENU to enter the MAIN MENU.

Select the “System setup” row and click OK button.

With the first and second sub-menu you can select the language of OSD and set the parameters of time.

Program setup menu

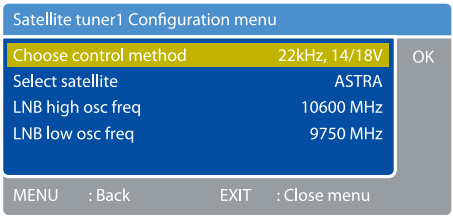


Press MENU to enter the MAIN MENU.

Select the “System setup” row and click OK button.

With the first and second sub-menu you can select the language of OSD and set the parameters of time.

Tuner configuration menu



Press MENU to enter the MAIN MENU.

Select the “System setup” row and click OK button.

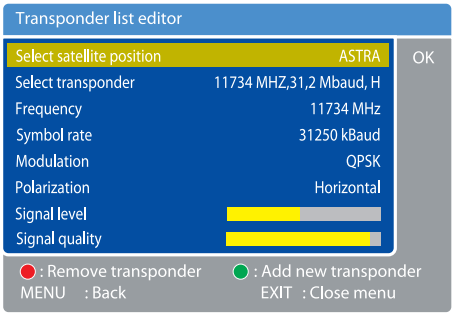
Select the “Program setup” row and click OK button.

Select the “Tuner configuration menu” row and click OK button.

Set LNB parameters, LNB control method, name of satellite from the list.

To save your changes, click MENU button.

Transponder list editor menu



Press MENU to enter the MAIN MENU.

Select the “System setup” row and click OK button.

Select the “Program setup” row and click OK button.

Select the “Transponder list editor” row and click OK button.

Select satellite name with ◄► buttons.

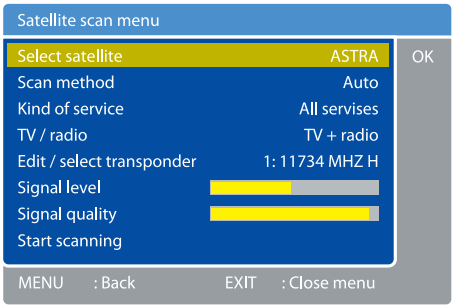
Select the “Select transponder” row.

Delete unnecessary transponders using the RED button.

Enter the frequency, symbol rate, modulation type and polarization of new transponder. Press GREEN button to add a new trasponder. Thus save the settings on all transponders of this satellite.

Two scales at the bottom indicate the level and quality of the signal on each transponder. Now you are ready to process a channel search on the satellite. Press MENU to enter the PROGRAM SETUP menu.

Satellite scan menu



Press MENU to enter the MAIN MENU.

Select the “System setup” row and click OK button.

Select the “Program setup” row and click OK button.

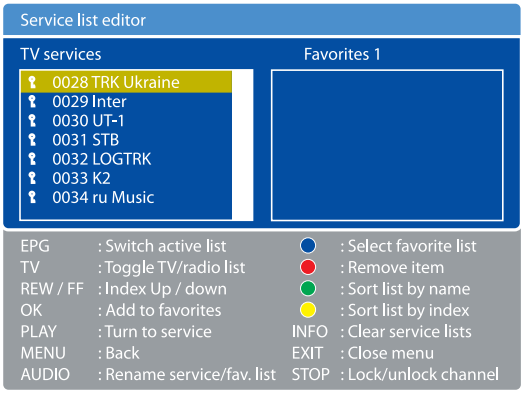
Select the “Satellite scan menu” row and click OK button.

Select satellite with ◄► buttons.

You can choose method of satellite scanning. The first method is channel scanning. The second method is an automatic scanning under transponder list. In addition, if the satellite transport stream contains NIT data, the receiver will automatically add to the list all new transponders.

After selecting a transponder or after selecting an automatic method, select the “Start scanning” row and then click OK button. On the screen you will see the process of channel searching. After searching press MENU button.

Service list editor menu



Press MENU to enter the MAIN MENU.

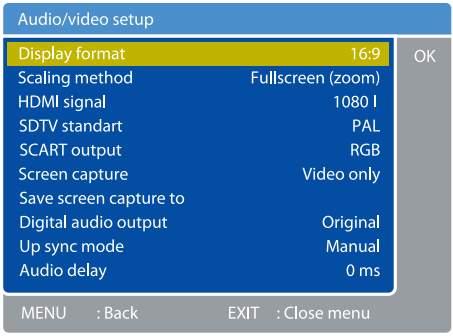
Select the "System setup" row and click OK button.

Select the "Program setup" row and click OK button.

Select the "Service list editor" row and click OK button. Using the buttons you can edit the service list and create favorite programs lists. Description of buttons you can see at the bottom of the menu. After editing of service list, press MENU button.

You can set the Parental Lock on certain channels. To do this, select the desired channel and press STOP button. This line will be red. In the future, to watch this channel you will need to enter the Parental Lock code. All details of this function you can find in "Password and parental settings" menu.

Audio/video setup menu



Press MENU to enter the MAIN MENU.

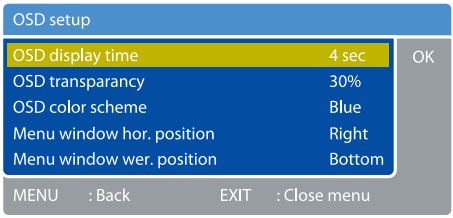
Select the "System setup" row and click OK button.

Select the "Audio/video setup" row and

click OK button.

Select 16:9 or 4:3 format.
Select Scaling method.
Select 1080 I, 480/576 P/I or 720 P HDMI standard.
Select PAL, SECAM or NTSC SD standard.
Select RGB, Component or Composite video output.
Select Audio delay in the case of AC3 sound.

OSD setup menu



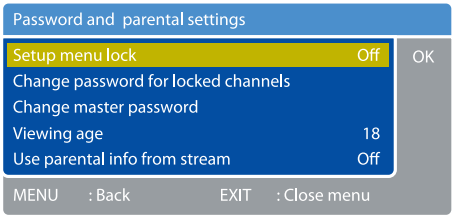
Press MENU to enter the MAIN MENU.

Select the “System setup” row and click OK button.

Select the “OSD setup” row and click OK button.

You can set how long Data Panel will be displayed on the screen. Also you can change transparency, color and location of OSD.

Password and parental settings menu



Press MENU to enter the MAIN MENU.

Select the “System setup” row and click OK button.

Select the “Password and parental settings” row and click OK button.

You can block the ability to work with the “Main menu” by Menu Lock Password (Master Password).

The default Master Password is **1234**.

If you want to change it click on the “Change master password” line.

If you have locked the channel in “Service list editor” menu (red line), to open this channel you will need to enter the parent password.

The default Parent Password is **0000**.

If you want to change it click on the “Change password for locked channels” line.

Restore factory settings menu

Be extremely careful while working with this menu! If you click OK button on this menu, all your setting will be deleted!

Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.

Select the "Restore factory settings" row and click OK button.

Power up state menu

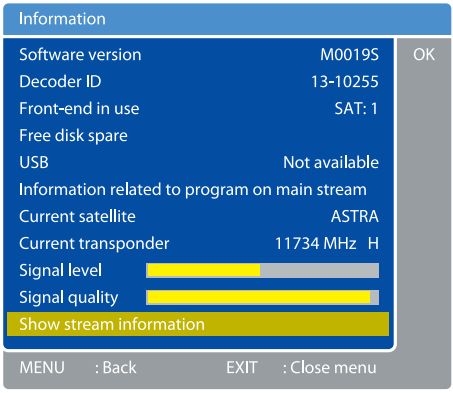
Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.

Select the "Power up state" row and click OK button.

Select Standby or Full Power Up mode upon initial receiver power-up.

Trophy-Access Decoder Number



Press MENU to enter the MAIN MENU.

Select the "Information" row and click OK button.

You can see Decoder number of your receiver on "Decoder ID" line.